In the Specification:

Please amend paragraph [0002] as follows:

[0001] The prior art discloses different possibilities for connecting detachable and fixed proximity switches to a cable. Plug-and-socket connections, that is detachable cable joints which are made using plug connectors which can be connected to the terminals of the proximity switch, are known for example in German patents 195 28 678 and 44 19 023 (the latter corresponding to U.S. Patent 5,573,411). Another detachable cable joint, specifically a screw-type terminal, is shown by German patent 195 29 181. A proximity switch with a fixed or non-detachable cable terminal is shown, by way of example, in the German patent 42 25 267 which describes a housing termination comprising hot-melt cement through which the cables, which are connected directly to the electronics in the proximity switch, are routed out of the proximity switch.

Please amend paragraph [0008] as follows:

[0008] The aforementioned problem is solved by the electrical unit set forth in related U.S. Patent Application Serial No. 09/770,228, now U.S. Patent No. 6,614,335, the entire disclosure of which is hereby incorporated by reference, in that the proximity switch is completely finished, checked using the electrical terminals present in the form of terminal sockets, and can then be warehoused. Connection to a cable requested by the user takes place using the cable terminal part which includes the connecting part which fits the proximity switch and the cable requested by the user attached in the cable terminal part. The proximity switch and cable terminal part can then be joined quickly, easily and reliably.

Please amend paragraph [0009] as follows:

[0009] The development of the subject matter of the present invention and the related U.S. Patent No. 6,614,335, ~~Application Serial No. 09/770,228~~ is based on the object of making available an electrical unit which meets the highest demands for tightness and strength.

Please amend paragraph [0025] as follows:

[0025] The process for producing an electrical unit comprising a proximity switch, which has an outside housing and an insulation part, and a cable terminal part, which has a connecting part and a cable, is characterized by the following steps:

- providing the insulation part with a terminal element which runs through; its terminals which lead to the outside are made as terminal sockets,
- connecting the outside housing and the insulation part,
- attaching the cable in the connecting part,
- attaching the cable terminal part to the proximity switch and
- providing an electrically conductive connection of the ends of the wires of the cable to the terminal sockets of the terminal element,

which is set forth in related U.S. Patent No. 6,614,335, ~~Application Serial No. 09/770,228~~ and further is characterized in that an induction coil, through which current flows, is located in the outside area of the electrical unit in the vicinity of the terminal sockets, but at an axial distance to the end of the outside housing.

Please amend paragraph [0027] as follows:

[0027] According to another alternative embodiment of the process set forth in related U.S. Patent No. 6,614,335, ~~Application Serial No. 09/770,228~~ an especially high-degree of tightness and high mechanical strength of the electrical unit can be easily accomplished by reducing the diameter of the ring, which is part of the connecting part, by a multi-segment press after the connecting part has been pushed over the cable. The advantages which accrue with the use of this ring have already been addressed above. By using a multi-segment press, the diameter of the ring can be easily reduced, while ensuring that the concentricity of the ring is preserved when the diameter of the ring is reduced. In addition, the degree of pressing, i.e., the reduction in the diameter of the ring, can be adjusted to any amount using the multi-segment press according to the dimensions of the cable or connecting part.

Please amend paragraph [0037] as follows:

[0037] In the electrical unit of the invention, an especially high tightness and mechanical stability electrical unit is ~~unitis~~ achieved by the cable terminal part 2 having a cap 12 through which the cable terminal part 2 is attached to the outside housing 3 of the proximity switch 1. The cap 12 surrounds the connecting part 10 with the end of the cable 9 inserted therein. The connection between the cap 12 and the outside housing 3 of the proximity switch 1 is made via a catch connection 13.